



**AquaEnergy Group Ltd.**

# **Harvesting the Motion of the Ocean**

Alla Weinstein  
President and CEO



# Clean Energy @ Low Cost

- **Electricity Demand**

- Double by 2020 worldwide

- **Solution**

- Low cost energy from ocean waves
- Patented technology



" It has been estimated that if less than 0.1% of the renewable energy available within the oceans could be converted into electricity it would satisfy the present world demand for energy more than five times over "

*UK Marine Foresight Panel, 2000*

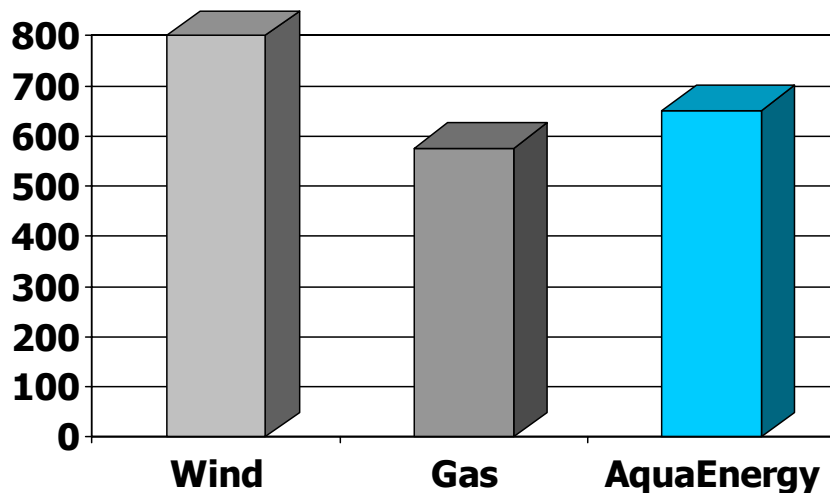


# Value Proposition

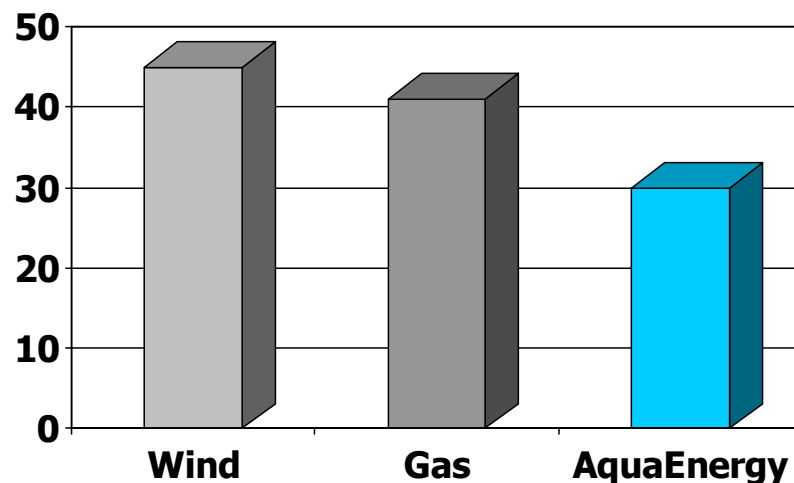
## Competitively Priced Renewable Energy

(projections for a 300 MW plant)

**Capital Costs (\$/kW)**

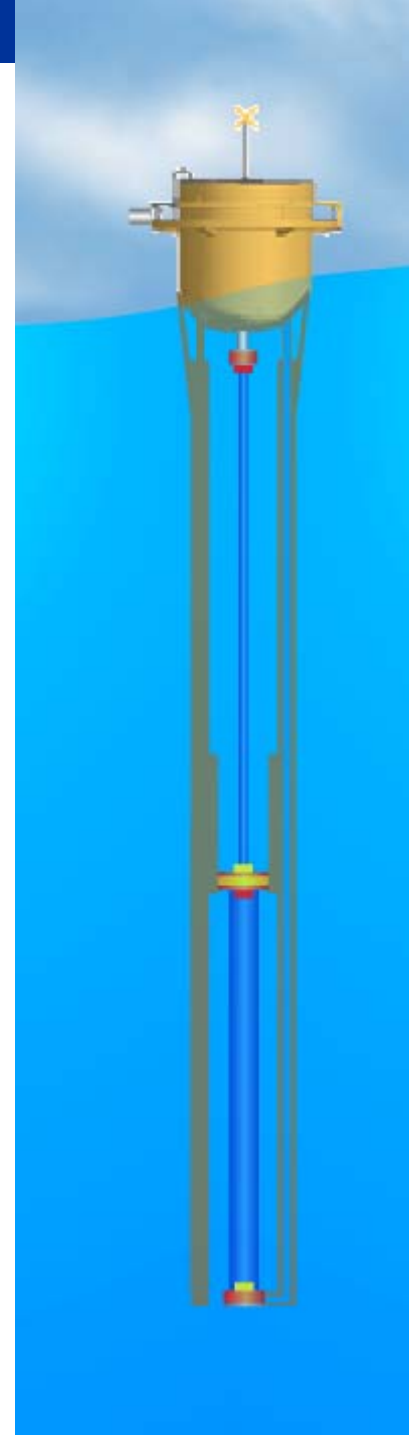


**Energy Costs (\$/MWh)**





# AquaBuOY



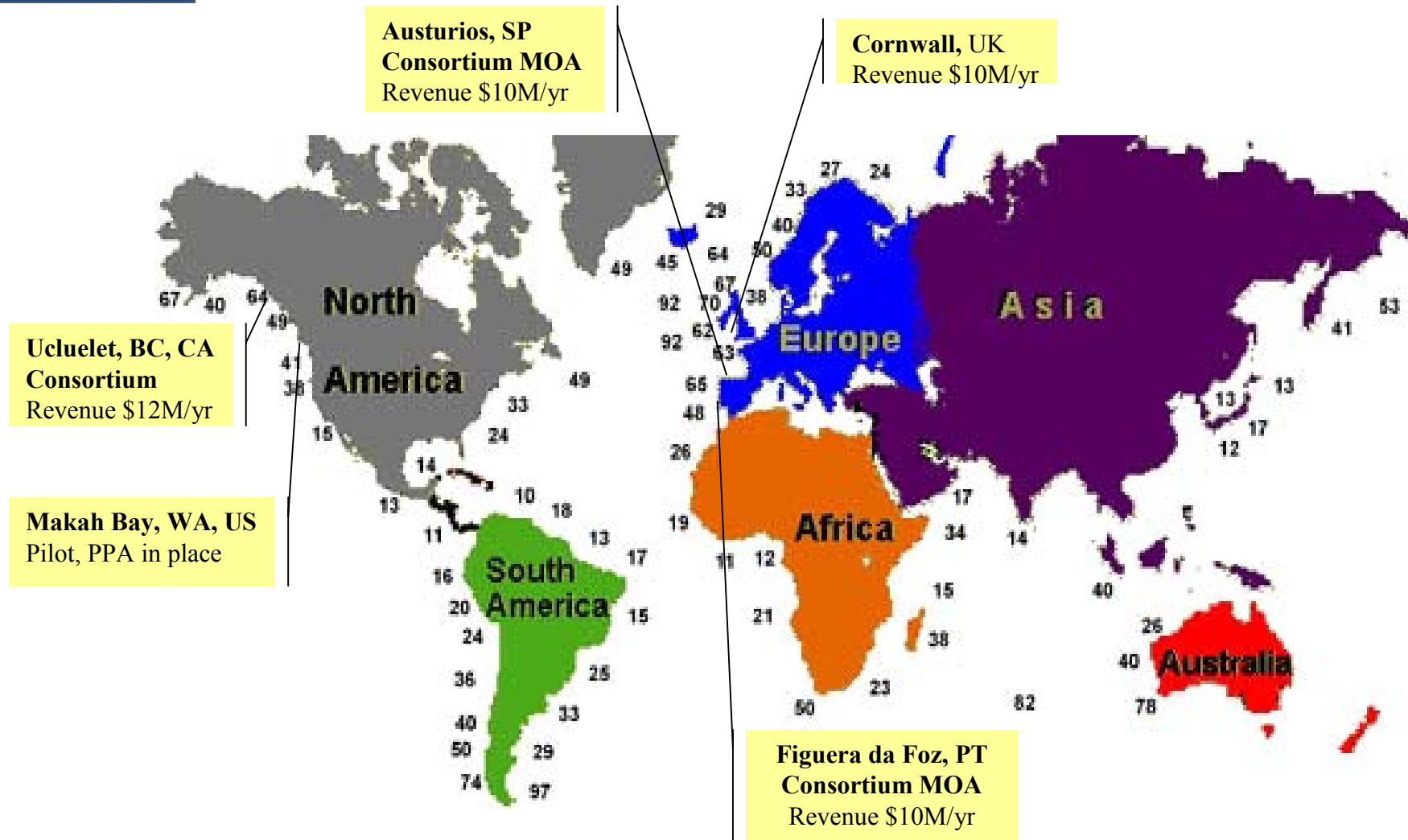


# Makah Bay Pilot Power Plant





# Projects Pipeline



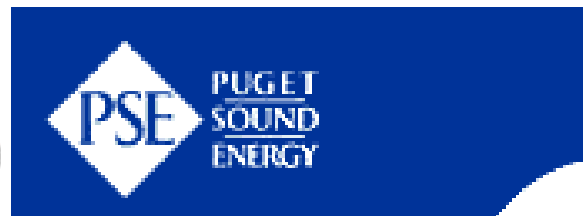
**Market size - \$10B/yr by 2020**



# Customers

# &

# Partners



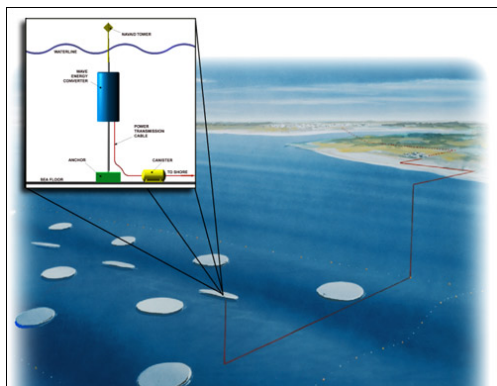
Electricity Innovation Institute





# Competitors

- **AEG - Competitive Advantage**
  - Project development experience
  - Very few moving parts
  - No bio-hazard materials
  - Survivable and durable



O.P.T.

OCEAN POWER TECHNOLOGIES, INC



OCEAN POWER DELIVERY LTD







# The Management Team

**Business Experience + Technology = Success**

<b>Alla Weinstein</b> President and CEO	EE, MBA, 25+ years - Honeywell, Inc. Electronics, energy conservation
<b>Göran Fredrikson</b> Technology & Operations	MS ME, 15+ years - IPS Production
<b>Kim Nielsen</b> Senior Scientist	PhD CE, 20+ years - RAMBØLL Wave energy research
<b>Mary Jane Parks</b> Permitting, Utilities	MA, 15+ years - California utilities Renewable energy & efficiency
<b>Ken Kukes</b> Business Development	30+ years - Allstate Angel investor, International marketing

## **Key Advisors**

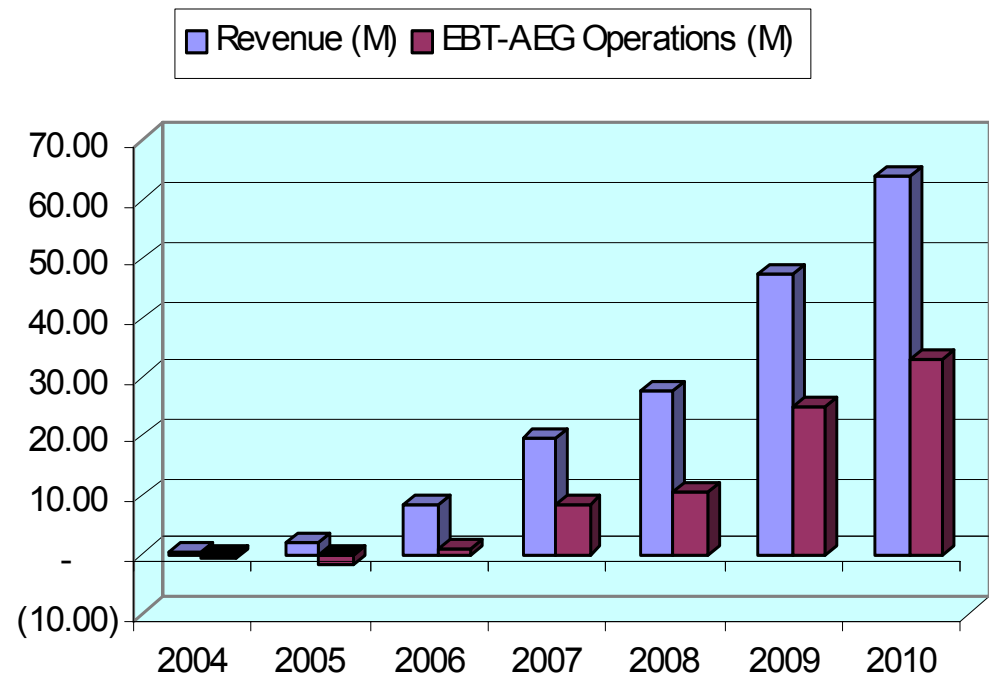
- **James Robbins, Environmental Cluster Incubator**
- **William Osborn, Commons Capital**
- **Kristin Martinez, Sound Point Ventures**
- **Gunnar Fredrikson, IPS**



# High Operating Margin Business

## Financial Projections

- **Multiple stream of revenues:**
  - Design
  - Build
  - Operate
  - Own with limited partners
  - Technology licensing



**2004 Revenue - \$150K**



# Funding Needs / Milestones

- **Prior Technology dev** \$4.0M (private)
- **Seed** \$0.5M
- **Series A** **\$4.0M - now**
  - Pilot - design/installation
  - Business development – Europe
  - **Signed term sheet - \$1M, Irish investor**
  - **EoI – The Carbon Trust (UK)**
- **Series B** **\$4.0M – 2006**
  - Technology advancement
  - Business development – the World

**Exit – Acquisition or an IPO**



# Summary

- Need – **global**
- Technology – **patented & tested**
- Management – **strong and experienced**
- The time is **NOW** for wave energy

**Opportunity**  
**TRIPLE bottom line**



# AquaEnergy Group Ltd.



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**Pelton Turbine Detail:**



arrows = water flow  
- = open valve  
- = closed valve  
(drawing not to scale)